

Minerals Council South Africa

EXAMINATION



SUBJECT: CHAMBER OF MINES OF
SOUTH AFRICA CERTIFICATE IN MINE
ENVIRONMENTAL CONTROL - PAPER 6
LEGISLATION

SUBJECT CODE:

COMMEC6

EXAMINATION DATE: 16 OCTOBER 2018

TIME: 08H30 – 10H30

EXAMINER:

N.B.LETLAPE

MODERATOR:

B.DOYLE

TOTAL MARKS: 100

NUMBER OF PAGES: 3

SPECIAL REQUIREMENTS:

1. **ANSWER ALL THE QUESTIONS**

2. This is an **OPEN BOOK EXAM**. References, including guidance notes, guidelines for mandatory codes of practices, the Mine Health and Safety Act [MHSA] and Regulations in force in terms of Schedule 4 of the MHSA are permitted.

NO PREVIOUS EXAMINATION QUESTIONNAIRES WILL BE ALLOWED.

3. **Put your examination number on the outside cover of each book used, and on any graph paper or other loose sheets handed in.**

NB: YOUR NAME MUST NOT APPEAR ON ANY ANSWER BOOK OR LOOSE SHEETS.

4. Write in ink on the **right hand page** only – the left hand page **will not** be marked.

5. Illustrate your answers by means of sketches or diagrams wherever possible.

6. Please quote all the relevant regulation numbers.

7. Keep your answers short and to the point, it is not necessary to provide word-perfect reproductions of the regulations. In many cases a single word or phrase will suffice.

8. Please note that you are not allowed to contact your examiner or moderator regarding this examination.

9. Cell phones are NOT allowed in the examination room.

QUESTION 1**1.1 State:**

- Any six objects of the MHSA (6)

1.2 Define (9)

- Biological monitoring (2)
- Employee (1)
- Health and Safety committee (2)
- Main fan (2)
- Booster fan (2)

- 1.3 State the information required by regulations from the employer where Self-contained Self-rescuers are deployed at the mine. (10)**

25 marks**QUESTION 2**

- 2.1 State the employee's duty for health and safety as contained in the MHSA? (10)**

- 2.2 Discuss the requirements for electing and appointing Health and Safety representatives at a mine. (8)**

- 2.3 How do the authorities view hindering administration of the MHSA? (2)**

- 2.4 State what the 12.1 appointee must report to the employer as part of the compliance with section 12(2) (b) of the MHSA. (2)**

- 2.5 In terms of regulations, name the statutory reports that the Employer must submit to the Regional Principal Inspector of mines. (3)**

25 marks

QUESTION 3

- 3.1 State the requirements pertaining to codes of practice as stated in the MHSA. (15)
- 3.2 According to the MHSA, the minister may prohibit or restrict work. Discuss. (5)
- 3.3 According to the MHSA, the inspector has power to deal with dangerous conditions.
- State the section of the MHSA that applies. (1)
 - The inspector may give any instruction necessary to protect the health or safety of persons at the mine. Elaborate. (9)

30 marks**QUESTION 4**

- 4.1 State the requirements of the regulations regarding the provision of potable and palatable water. (2)
- 4.2 The employer is obliged to provide and maintain ablution and change house facilities. State the regulation number and elaborate. (6)
- 4.3 What is the employee's obligation regarding working clothes? (2)
- 4.4 List the regulatory requirements pertaining to main and booster fans:
- Examination. (2)
 - Record keeping. (2)

Answer the following under the DMR Guideline for the compilation of a Mandatory Code of Practice for Emergency Preparedness and Response:

- 4.5 State the objectives of the emergency control centre. (6)

20 marks**Total marks 100**